

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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| In re Patent Application of             | ) |                            |
|   | ) |                            |
| Martin LARSSON                          | ) | Group Art Unit: Unassigned |
|   | ) |                            |
| Application No.: Unassigned             | ) | Examiner: Unassigned       |
|   | ) |                            |
| Filed: December 29, 2000                | ) |                            |
|   | ) |                            |
| For: Method and Arrangement Relating to | ) |                            |
| Intelligent Network Services            | ) |                            |

**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Before examination, please amend this application as follows.

**IN THE SPECIFICATION**

Page 1, line 1 delete "TITLE";

line 7, delete "TECHNICAL FIELD OF THE INVENTION" and insert  
therefor --BACKGROUND--; and

line 13, delete "BACKGROUND OF THE INVENTION AND RELATED  
ART".

Page 2, line 14, delete "OF THE INVENTION".

Page 4, line 10, delete "OF THE EMBODIMENTS".

**IN THE CLAIMS**

Page 8, line 1, delete "CLAIMS" and insert therefore --WHAT IS CLAIMED  
IS:--.

Please delete claims 1-22 and insert new claims 23-44 as follows.

--23. An arrangement in a communications network comprising an Intelligent Network (IN) including means for establishing connection with a client site through a communication link,

wherein said client site includes remotely controllable devices arranged with controlling means, and said IN further includes a service arrangement providing remote control services for controlling said devices in said client site.

24. The arrangement according to claim 23, wherein said IN further includes an Automating Service Server.

25. The arrangement according to claim 24, wherein said Automating Service Server includes a database having information corresponding to the client site.

26. The arrangement according to claim 25, wherein said information includes at least a communication category with the client site, type of control means, and type of services available.

27. The arrangement according to claim 23, further comprising a traffic adapter for converting control signals from the IN to a signal adapted to client site control signals.

28. The arrangement according to claim 23, further comprising a Communication Interface for communication with the client.

29. The arrangement according to claim 28, wherein said Communication Interface includes several types of communication devices.

30. The arrangement according to claim 28, wherein said Communication Interface includes means for encrypting and decrypting signals to at least one client site.

31. The arrangement according to claim 27, wherein said traffic adapter includes protocols for converting the IN control signals to at least one of LONworks, Cebus and X-10 client site control signals.

32. The arrangement according to claim 24, wherein the IN further includes a Service Switching Point and Service Control Points.

33. The arrangement according to claim 32, wherein the Service Switching Point and Service Control Points communicate with the Automating Services Server using TCP/IP.

34. The arrangement according to claim 23, wherein said client site further includes a Communication Interface.

35. The arrangement according to claim 23, wherein said client site further includes a Local Area Network (LAN).

36. The arrangement according to claim 34, wherein said Communication Interface communicates using at least one of PSTN, ISDN, ADSL, ATM, and powerline.

37. The arrangement according to claim 35, wherein said LAN is a powerline based network.

38. A communications network comprising:  
a service provider part including a service providing server;  
a client part including at least one remotely controllable device; and  
communications means to connect the service provider part and the client part,

wherein the service provider server is part of an Intelligent Network (IN) and includes at least information corresponding to the at least one remotely controllable device and further includes means to provide initiation commands through the communications means when initiated by a client.

39. The communications network according to claim 38, wherein the client part further includes a powerline network.

40. The communications network according to claim 38, wherein the network is a telecommunication network.

41. A method for remotely controlling at least one device at a remote site using a communication network, the method comprising the steps of:  
arranging a remote management service in an Intelligent Network (IN);  
connecting a service request from a client to said service in said IN;  
generating a management command by means of said service; and  
transmitting the command to a location specified by the client.

42. The method according to claim 41, further comprising the step of converting the management command into a form receivable by the at least one remotely controlled device.

43. The method according to claim 41, wherein the service is provided through one of subscription and purchasing.

44. The method according to claim 41, wherein the service is integrated into telephony services and provided through local exchanges of a public telephone network.--

#### IN THE ABSTRACT

Please delete the Abstract and replace it with the New Abstract attached as a separate sheet.


#### REMARKS

The specification has been amended and the claims and Abstract have been amended to place the application in better form for examination. Favorable consideration is respectfully solicited.

Respectfully submitted,

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### **ABSTRACT**

Method and arrangement in a communications network including an Intelligent Network (IN) capable of establishing connection with a client site through a communication link are presented. The client site includes remotely controllable devices arranged with controllers, and the IN includes a service arrangement providing remote control service for controlling the devices in the client site.